

PUHAR, Repo

Problems in manufacturing and measuring internal gears. Stroj
vest no.1/2:47-54 Ap '62.

1. Tovarna avtomobilov in motorjev, Maribor.

PUHAR, Pepo

Manufacture of toothed racks for machine tools. Stroj vest 6 no.1:
35-37 Ja '60. (EEAI 10:5)

1. Tovarna avtomobilov Maribor
(Slovenia--Machine tools)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

PURAR, Pepo

The MAAG gearing. Pt.1. Stroj vest 10 no.4/5:152-156 O '64.

1. Institute of Motors and Motor Vehicles, Maribor.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

-PUHAR, Pepo

Side clearance of helical cogwheels. Stroj vest 6 no.2: 56-59 Mr '60.
(EEAI 9:10)

1. Tovarna avtomobilov Maribor.
(Gearing)

SEGETA, Vladimir, inz.; PUHLIK, Petr, inz.

Photoperiodic reaction in sugar beet (*Beta vulgaris L*).
Rost výroba 9 no.10:1003-1020 O '63.

1. Ustřední výzkumný ústav rostlinné výroby, oddělení
fyziologie rostlin, Ruzyně.

PEHOV, G.; VORONCV, R.

"Why are government standards disregarded in teaching? Tr. from the Russian.
p. 14 (PETROL SI GAZE, Vol. 6, no. 1/2, Jan/Feb 1954. Bucuresti, Rumania.)

SO: Monthly List of East European Accessions, (EEAL), LC.
Vol. 4, No. 5, May 1955, Uncl.

PUHOVSKI, Bozo

Protection of refineries against fire. Nafta Jug 13 no.
11/12: 329-342 N-D '62.

1. "Nafta", Poslovno udruzenje, Zagreb.

PUHOVSKI, Bozo

Protection of oil refineries against fire. Nafta Jug 13
no.11/12:329-342 N-D '62.

1. "Nafta", Poslovno udruzenje, Zagreb.

RUMANIA/Cultivated Plants - Grains.

K.

Abs Jour : Ref Zhar - Biol., No 10, 1953, 44043

Author : Iuia, I., Barbut, I., Sautau, Otilia

Inst : -

Title : A Study of Frost Resistance in Winter Barley.

Orig Pub : Probl agric, 1957, 9, No 3, 26-36.

Abstract : Data from 1955-1957 on the studies of frost resistance in the winter barley varieties Chenad 386, Populazia Cibiu, Kluzh 123 and control Chenad 117. Low temperature produces accumulation of protective substances in the cell sap. It also increases water permeability of the protoplasm and the degree of hydrophilic quality in colloids. The processes of hardening (against frost) in winter barley and winter wheat are similar but barley does not attain the degree of frost resistance in wheat. -- A.F. Kalysto-va.

Card 1/1

COUNTRY	:	RUMANIA
CATEGORY	:	Cultivated Plants. Cereals.
ABS. JOUR.	:	RZhBiol., №. 1958, №. 104626
AUTHOR	:	Puia, I., Barbat, I.
INST.	:	
TITLE	:	On the Study of Frost Resistance in Winter Barley.
ORIG. PUB.	:	Studii si cercetari agricole. Acad. RPR Fil. Cluj, 1957, 6, No. 1-2, 43-73
ABSTRACT	:	The most frost resistant varieties are Yanetskiy, El'figer, Mandorfer and Chenad 396.

M

Card: 1/1

19

COUNTRY : Rumania
CATEGORY : Cultivated Plants. Grains. M

ABS. JOUR. : RZBiol., No. 21, 1958, No. 95937

AUTHOR : Barbat, I.; Puia, I.

INST. : --

TITLE : A Study of the Stages of Morphogenesis of Corn Staminate Flowers, a Method of Determining the Maturing Rate in Corn Varieties *

ORIG. PUB. : Probl. agric., 1957, 9, No.10, 12-22

ABSTRACT : Data of the Institute of Agronomy in Cluj. The basic stages in morphogenesis are described and an analysis is made of the possibility of determining the rate of maturing according to the duration and sequence of these stages. The period of stem apical meristem formation is especially important. Two methods of determination are suggested: observations are conducted throughout the * and Hybrids

CARD: 1/2

PUIA, I.

RUMANIA/Chemical Technology. Chemical Products and Their
Application - Pesticides

I-7

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12447

Author : Palfy Fr., Barbat I., Puiu I.
Title : Contribution to the Determination of the Action and Effectiveness of 2,4 -D herbicide

Orig Pub : Contributii la cunasterea acțiunii și eficacității
ierbicidului 2,4-D. Probl. agric., 1956, 8, No 5, 60-66
(Rumanian; Russian and French summaries)

Abstract : A dosage of 2,4-D of 1 kg/hectare being herbicidal to
dicotyledonous weeds and stimulating to grain crops
increases the harvest yield of the latter.

Card 1/1

- 54 -

PUIA, Irina, filatoare

Waiting for the promotion of the new foremen with emotion.
Munca sindic 6 no.5:32-33 My '62.

PUICEA, Ion, ing.

On the large construction sites in Bucharest. Constr Buc 14
no.676; 22 D'62.

1. Seful serviciului tehnologic din Directia generala con-
structii-montaj, Bucuresti.

CA

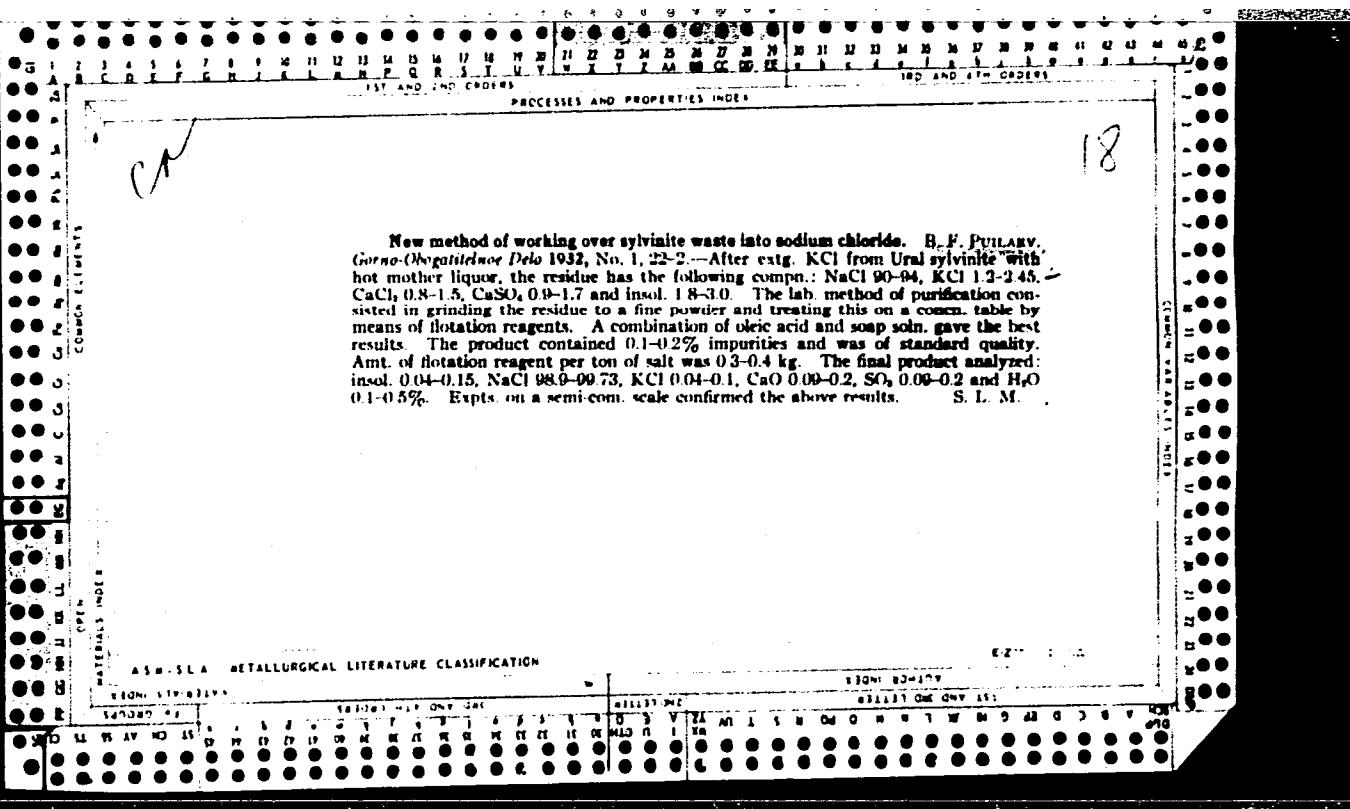
13

Preparing heat-insulating material and paint from waste mica. B. F. PULAFY
Russ. 25,302, April 11, 1929. Hydrated mica is subjected to a reducing or oxidizing
heat treatment at 400-600° for the purpose of dehydration and to produce a silvery or
golden color. The product is broken up and ground; the fine particles are mixed with
organic and inorg. binders to produce a refractive paint, while the coarser particles
are used for decorative or heat-insulation purposes.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

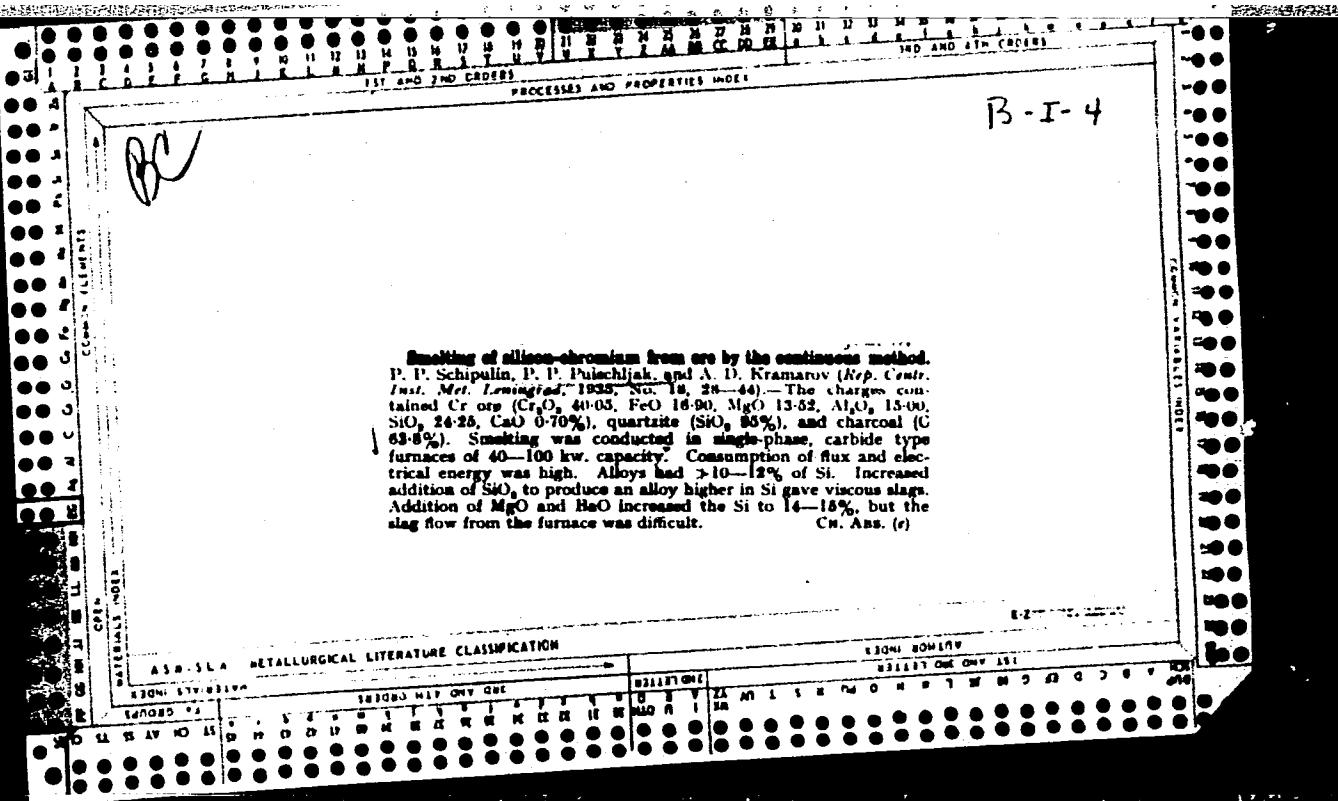
EDITION 5/14/1974

E2



B-I-4

Smelting of silicon-chromium from ore by the continuous method. P. P. Schipulin, P. P. Pulschitskij, and A. D. Kramarov (*Rept. Central Inst. Met. Leningrad*, No. 18, 28-44).—The charges contained Cr ore (Cr_2O_3 40.03, FeO 16.90, MgO 13.52, Al_2O_3 15.00, SiO_2 24.28, CaO 0.70%), quartzite (SiO_2 85%), and charcoal (C 63.8%). Smelting was conducted in single-phase, carbide type furnaces of 40–100 kw. capacity. Consumption of flux and electrical energy was high. Alloys had > 10–12% of Si. Increased addition of SiO_2 to produce an alloy higher in Si gave viscous slags. Addition of MgO and BeO increased the Si to 14–18%, but the slag flow from the furnace was difficult. Cn. Ans. (e)



A M S - A R B

Bibliography on dew

JD 96

Punche, Kalmius Pavlovich. *Kogda otlayetnaia bol'shae vsego rozi?* [When does the largest amount of dew precipitate?] *Meteorologicheskii Vestnik*, 33(9), 204-205, Sept. 1925. 2 refs. DWB
The author remarks that in central and southern Russia the annual amount of dew reaches 2.3% of the total amount of precipitation. He approves of V. Pashchenko's method of dew measurement.

Subject Headings: 1. Dew intensity 2. Drosometers 3. U.S.S.R.

PUJKRABEK, J., prof., inz., dr., Dr.Sc.

Heating of houses; a discussion. (Continuation). Paliva 42
no.12:374-376 D '62.

PUTIU, Al.; UNGUREANU, St.

Aspects of concentration and combination of industrial
production. Probleme econ 16 no. 5: 16-28 My '63.

OCTAVIAN, C.; PUIU, Al.

Publication of the Rumanian Encyclopedic Dictionary, an
important event for Rumanian science and culture. Probleme
econ 16 no.10:132-136 0 '63.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

PUIU, Al.

Economic development of Indonesia. Probleme econ 15 no.10:131-135
0 '62.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

SCU, S.

Selection of mechanical implements for the loading and unloading of goods.

P. 21. (REVISTA CIVILOR RUMENI) (Bucuresti, Romania) Vol. 6, no. 1, Jan. 1958

or: Monthly Index of East European Publications (MIEP) 19 Vol. 7, No. 5, 1958

1956, 2.

Extending the method of geometric progressions to the solution of static undetermined systems.

p. 405 (Industrie Constructiilor Si A Materialelor De Constructii. Vol. (7) no. 7, 1956. Bucuresti, Romania)

Monthly Index of East European Acquisitions (EIAJ) EC. Vol. 7, no. 2, February 1958

PUIU, Al.; CIULEA, O.

"Manual of political economy. Socialism," edited by [prof. univ., membru corespondent al Academiei R.P.R.] I.Rachmuth, [prof. univ.] E.Hutira, [conf. univ.] Fl. Balaure, [conf. univ.] M.Paraluta, [conf. univ.] E.Dobrescu, [conf. univ.] I.Dinu, [conf. univ.] M.Popescu, [lector univ.] I.Margineanu. Reviewed by Al. Puiu, O. Ciulea. Probleme econ 16 no.12:122-126 D '63.

PULU, Al.

High evaluation of natural resources for increasing the economic potentiality of Rumania. Probleme econ 17 no.5:18-31 My '64.

LEMNIJ, I.; PUIU, Al.

Aspects of the postwar international economic cooperation. Probleme
econ 17 no.3:88-101 Mr '64.

PUIU, Al.; PREDOI, I.

Utilization and extension of advanced technology in some
industrial branches. Probleme econ 15 no.7:45-58 Jl '62.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

FUJI, I.

World economic relations, an objective force of the
contemporary world. Probleme sozial 17 no.10;74-88 o '64.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

PUIU, Eugeniu, economist; VIOREL, correspondent; STERE, A.; MITACHI, N.

From the activity of innovators. Constr Buc 16 no.734:2
1 F '64.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

HARMOS, Gavril, economist; PULJ, Eugeniu, economist; STELIAU, B., coresp.;
RUSU, Aurian

Obligations in socialist competition become facts. Comstr Buc
17 no.79 :1 17 Ap '65.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

BERIN-MITIS, I., correspondent; BULU, Eugeniu, economist

First innovations of the new year. Constr Buc 17
no.784-1 16 Ja '65.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

Puiu, S.

3

TOPESCU-ZELESTIN, I.
Sobname (in code); Given Name

Country: Romania

Academic Degrees: --

Affiliation: Corresponding Member of the Academy of R.P.R. (Academia R.P.R.)
Source: Bucharest, Comunicările Academiei Republicii Populare Române, No 4, 1961, pp 421-428.

Data: "Contributions to the Knowledge of the Variations in Height
(With Time) and Age of Hick Trees Among Natural Shrubs".

Co-authors:

DISSESCU, R.
PUIU, S.

Author: N. I.
Subject (in code); Given Name

Country: Romania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicările Academiei Republicii Populare Române,
Vol 11, No 6, 1961, pp 711-721.

Data: "Studies on the Progress of Radial Growth of Beech During the
Vegetation Period."

Co-author:

PETIU, S. [Academic degrees and affiliations not given]

DONITA, N.; PUIU, S.

Radial-growth ratio of beech during the vegetation period.
Comunicare AR 11 no. 6;711-721 Je '61.

1. Comunicare prezentata de I. Popescu-Zeletin, membru corespondent
al Academiei R.F.R.

POPESCU-ZELETIN, I.; MOCANU, V. C.; PUIU, S.

Evolution of the trees defoliated by Lymantria monacha L. Studii cerc
biol veget 13 no.3:283-403 '61.

1. Membru corespondent al Academiei R.P.R. (for Popescu-Zeletin).

POPESCU-ZELETIN, I.; MOCANU, V. G.; PUIU, S.

Structure and dynamics of the radial growth during the vegetation period of a population of *Populus x euramericana* (Dode) Guinier (cv. 'marilandica'). Studii cerc biol veget 13 no.4:477-506 '61.

1. Membru corespondent al Academiei R.P.R.(for Popescu-Zeletin).

POPESCU-ZELETIN, I.; PUIU, S.; MOCANU, V.

Contributions to the knowledge of the radial growth of locust plantations during the period of vegetation. Studii cerc biol veget 12 no.4:461-474 '60. (EEAI 10:5)

1. Membru corespondent al Academiei R.P.R. (for Popescu-Zeletin).
(Locust (Tree))

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

BARBULESCU, C.; BARSAN, A.; BURCEA, P.; PUIU, St.; MARELE, U., (Bucuresti)

Natural pastures and hayfields on the Bran Plateau. Natura
Biologie 16 no.2:10-19 Mr-Ap '64.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

SOWINSKI, Wladyslaw, ir. med.; JURAK, Jan; MIELNIK, Zbigniew; PUJDAK, Jerzy; ZARSKI, Bohdan

Delayed primary fixation of fractures with spongy bone grafts in the treatment of "difficult" shin fractures. Chir. narzad. ruchu ortop. Pol. 30 no.1:1-5 '65.

1. Z Wojewodzkiego Szpitala Chirurgii Urazowej w Piekarach Slaskich (Dyrektor i Kierownik Naukowy: dr. med. Wl. Sowinski).

PUJIC,Z.; VRANESIC,M.; KIERSZ,J., dr. prof.; PERIC,B.; JADRIC,S.

Influence of electrolytes and proteins on the absorption spectrum of the Evans Blue (T-1824), and accuracy of the evaluation of plasma volume. Glasnik hemicara BiH 11:71-77 '62.

1. Institute of Biochemistry and Physiology, Medical Faculty, University of Sarajevo.
2. Medicinski fakultet u Poznemu (Poljska) (for Kiersz).

CX

6

Heterogeneous oxidation of nitric oxide at liquid air temperature. M. Temkin and V. Purbov. *Acta Physicochim. U. R. S. S.* **3**, 473-84 (1935) [See German] (cf. C. A. 29, 410).—At liquid-air temps., by the heterogeneous oxidation of NO on glass surfaces, O₂ and NO react in the ratio 1:3 to give a brown liquid, N₂O₄ condensing out on the walls. ρ was measured by a Pirani gage by pressure drop. The homogeneous fraction was very small and was neglected. At $\rho = 5 \times 10^{-4}$ to 8×10^{-4} mm., and $T = 151-187^\circ\text{K}$, the velocity of reaction is given by $v = 4.2 \times 10^{-6} \frac{\text{cm}^2}{\text{sec}} S \rho_{\text{NO}}^2$ where S = area in sq. cm. The reaction mechanism is assumed to be $2\text{NO} + \text{O}_2 \rightarrow \text{N}_2\text{O}_4$; $\text{N}_2\text{O}_4 + \text{NO} \rightarrow \text{N}_2\text{O}_5$. NO is first adsorbed on the walls and reacts with gas phase O₂. The energy of activation is the negative of the heat of adsorption. This work shows that at low temps. the heterogeneous reaction cannot be neglected while studying the homogeneous reaction (cf. Briner, Pfeifer and Malet, C. A. 18, 3094). F. H. Rathmann

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

PUJEVIC, S.

Mechanism of the action of cortisone. I. Djurišić, R. Berović,
V. Savić, and S. Pujević (*Bull. sci. Ljubljana*, 1953, 1, 124; *Glas
Akad. Beograd*, 1954, 31, No. 7).—Cortisone protects r.b.c. against
haemolysis by hypotonic saline solutions and reduces spontaneous
haemolysis in cells maintained at 37°. The increase in cell vol.
normally induced by hypotonic solutions is prevented or reduced
by cortisone. These effects are demonstrable *in vitro*. Cortisone
also prevents the haemolytic action of saponin. In animals treated
with phenyl-hydrazine and cortisone the no. of Heinz cells is con-
siderably less than in animals treated with phenyl-hydrazine alone.
G. W. CAMBRIDGE.

DJURICIC, I.; HEROVIC, R.; SAVIC, V.; PUJEVIC, S.

The mechanism of action of cortisone. Glas srpske akad. nauka,
odelj med. 211 no.7:185-226 1953.

1. Primljeno na VIII skupu Odeljenja med. nauka 28 V 1953 god.
(CORTISONE
mechanism of action)

SAVIC, V; BEROVIC, R.; PUJEVIC, S.; DJURICIC, I.

Importance of Heinz bodies in determination of hemolytic action
of phenylhydrazine. Glas.Srpske akad.mauka, odelj.med. 215
no.9:117-126 1955.

(ERYTHROCYTES,

Heinz bodies, determ. of hemolytic action of phenyl-
hydrazine)

(HYDRAZINE, derivatives,

phenylhydrazine, hemolytic action, determ. by Heinz
bodies)

(HEMOLYSIS,

by phenylhydrazine, determ. by Heinz bodies)

BERIVOC, R; SAVIC, V.; PUJEVIC, S; DJURICIC, I.

Thrombocytosis in phenylhydrazine and posthemorrhagic anemias.

Glas.Srpske akad.nauka, odelj.med. 215 no.9:127-141 1955.

(BLOOD PLATELETS, diseases,

exper.thrombocytosis in phenylhydrazine & posthemorpha-
gic anemias)

(ANEMIA, experimental,

thrombocytosis in posthemorrhagic & phenylhydrazine
anemias)

(HYDRAZINE, derivatives,

phenylhydrazine causing anemia in rats, thrombocytosis
in)

SPUZIC, Vladimir; PUJEVIC, Stevan

Value of high altitude climate in treatment of bronchial asthma.
Srpski arh. celok. lek. 84 no.10:1109-1116 Oct 56.

(ASTHMA, ther.
high-altitude climate ther. (Ser))
(ALTITUDE, ther. use
asthma (Ser))

DURICIC, I.; BEROVIC, R.; SAVIC, V.; PUJEVIC, S.

Studies on the mechanism of action of cortisone. Bull. Acad. serbe sc., classe med. 15 no.3:17-35 1956.

1. Institut de recherches medicales de l'Academie serbe des Sciences.

(CORTISONE, effects,
on blood cells (Fr))

(BLOOD CELLS, effect of drugs on,
cortisone (Fr))

YUGOSLAVIA

PUJIC, Z., SABOVLJEV, A., BRDARIC, R., VRANESIC, M., and PERIC, B.; Department of Physiology and Biochemistry of Medical Faculty (Institut za Fiziologiju i Biohemiju Medicinskog fakulteta,) Sarajevo.

"Distribution of P₃₂ in Whole-Blood Erythrocytes of Man and Dog."

Belgrade, Arhiv za farmaciju, Vol 13, No 3, 1963; pp 165-170.

Abstract [English summary modified]: In vitro study of uptake of radioactive P (as carrier-free NaH₂P³²O₄) by human and canine RBC: ten minutes after addition of compound to blood, 10% of activity was in RBC, 120' after, 50% and 3 h later, 65%. Canine blood took up the radioactive isotope more rapidly than human; most of the radiation was in inorganic phosphates, triose phosphates; less in AMP and HDP; still less in ADP and HP, only very little in unidentified nucleotides. Five graphs.

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CIA-RDP86-00513R001343530012-9

FUJIC, Sarajevo; KNEZEVIC, Sarajevo

Determination of Ra-226 in tobacco. Glasnik hemičar. 12(1)-7
'63.

1. Institute of Biochemistry and Physiology of the Faculty of Medicine, Sarajevo (for Fujic). 2. Chemical Institute of the Faculty of Natural Sciences and Mathematics, Sarajevo (for Knezevic).

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

ZIMELIĆ, Mirela; VUČIĆ, Miravko; MILOVIĆ, Miljan

Determination of Ir-192, Ru-106, Cs-137, and Ce-144 in the complex gamma spectra of their mixtures by applying simultaneous equations. Glasnik hemičkih 12:81-88 '63.

1. Chemical Institute of the Faculty of Natural Sciences and Mathematics, Sarajevo (for Činčević), 2. Institute of Biochemistry and Physiology of the Faculty of Medicine, Sarajevo (for Ljubić), 3. Institute of Hygiene and Social Medicine, Sarajevo (for Maric).

KNEZEVIC, Ivica; PRUDIC, Jurevic

Specific aspects of the cyclic nucleotide regulation of bacterial activity.
Glasnik naricara 12:12-130-163.

I. Chemical Institute of the Faculty of Natural Sciences and Mathematics,
Sarajevo (for Knezevic). II. Institute of Biochemistry and Physiology of
the Faculty of Medicine, Sarajevo (for Prudic).

YUGOSLAVIA

POP-CENIC, S.; PUJIN, D.; ZIGIC, B.; SESTAK, V.; PUACA, V. and VUCKOVIC, M. FABEG, Belgrade; Veterinary Center (Veterinarski centar) Sombor; ZZ [Acronym not identified], Kolut; IPK [acronym not identified] "Vrbas", Animal Feed Factory (Fabrika stocne hrane) Vrbas; and PD [acronym not identified] "Elan" Srbobran.

"Effect of Vigofac in Fattening Swine with Varying Levels of Animal and Plant Proteins in their Feed."

Belgrade, Veterinarski Glasnik, Vol 19, No 12; 1965; pp 925-929.

Abstract [English summary modified]: Study of Pfizer's animal feed additive Vigofac in 7 groups totaling 64 pigs. Improvement in body weight and feed use efficiency was pronounced on animals receiving marginally adequate feed, but was least in those receiving good rations. Three tables, 1 Yugoslav and 3 Western references; ms rec 2 Nov 65.

1/1

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"APPROVED FOR RELEASE: 06/15/2000

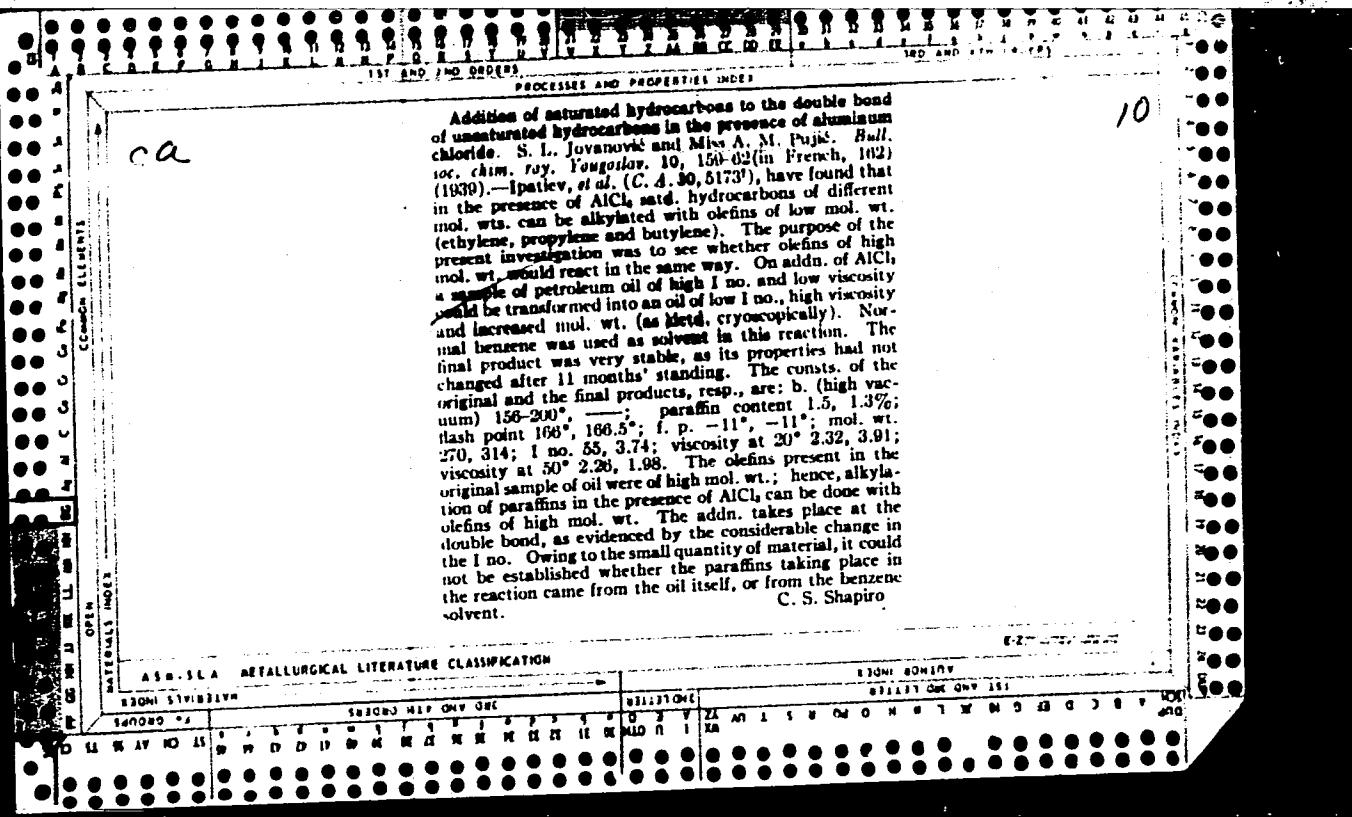
CIA-RDP86-00513R001343530012-9

MARIC, Tamara, inz.; PUJIN, Vlasta

Degree of pollution of certain watercourses in Vojvodina. Zbor
prir Mat srp no.21:39-73 '61.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"



PUJMAN J.

EXCERPTA MEDICA Sec 16 Vol 7/2 Cancer August 59

3474. **Massive osteolysis caused by haemangiomatosis** Masivní osteolýsa napokladé hemangiomatosis. PUJMAN J., MALÝ V., and HAMBACH R. Chir. Odd. Okresní Nemocn. v Pelhřimově; Rentgen. Odd. Krajské Nemocn. v Jihlavě. *Acta Chir. orthop. Traum. cech.* 1958, 25, 6 (403-412) Tables 2 Illus. 21

A case of massive osteolysis due to haemangiomatosis was observed both clinically and post mortem. In a boy aged 16 in whom the whole right scapula, the right clavicle, the upper part of the right humerus and the lateral part of the bodies of 2 cervical vertebrae, without any previous traumatic injury, successively disappeared. The diagnosis of haemangiomatosis of the bone was established by biopsy soon after the onset of the first symptoms. The patient died after 14 months from pneumonia and haemorrhagic exudation into the thoracic cavity. This is the 2nd case of massive osteolysis due to haemangiomatosis verified by autopsy and the 11th case in which the diagnosis was established by biopsy.

ČESKÝ LÉKAŘSKÝ ČASOPIS Vol. 13 '59 Surgery August 59

4228.(1088) MASSIVE OSTEOLYSIS CAUSED BY HAEMANGIOMATOSIS -
Masivní osteolyza napodkladě hemangiomatosis - Pujman J., Maly
V. and Hambach R. Chir. Odd. Okresní Nemocn. v Peřimově;
Rentgen. Odd. Krajské Nemocn., Jihlavá - ACTA CHIR. ORTHOP. TRAUM.
ČECH. 1958, 25/6 (403-412) Tables 2 Illus. 21

A case of massive osteolysis due to haemangiomatosis was observed both clinically and post mortem. In a boy aged 16 in whom the whole right scapula, the right clavicle, the upper part of the right humerus and the lateral part of the bodies of 2 cervical vertebrae, without any previous traumatic injury, successively disappeared. The diagnosis of haemangiomatosis of the bone was established by biopsy soon after the onset of the first symptoms. The patient died after 14 months from pneumonia and haemorrhagic exudation into the thoracic cavity. This is the 2nd case of massive osteolysis due to haemangiomatosis verified by autopsy and the 11th case in which the diagnosis was established by biopsy. (IX, 1, 5, 16, 18, 19)

PUJMAN, J.; MALY, Vl.; HAMBACH, R.

Massive osteolysis caused by hemangiomatosis. Acta chir. orthop. traum.
cech. 25 no.6:403-412 Nov 58.

1. Chirurgicke odd. Okresni nemocnice v Pelhrimove, prednosta primar
MUDr. J. Pujman Rentgenologické odd. Krajske nemocnice v Jihlave,
prednosta primar MUDr. Vl. Maly Prosektura Krajske nemocnice v Jihlave,
prednosta primar MUDr. R. Hambach.

(ANGIOMA, compl.

hemangiomatosis of bone causing massive osteolysis in
16-year old boy (Cz))

(BONE DISEASES, etiol. & pathogen.

massive osteolysis caused by hemangiomatosis of bone in
16-year old boy (Cz))

HORAKOVA, Z.; MURATOVA, J.; PUJMAN, V.; BYDZOVSKY, V.

Sulfonamides with supposed antibacterial activity. Pharmacology of sulfamethoxydine. Cesk. farm. 12 no.2:73-77 F '62.

I. Vyzkumny ustav pro farmacie a biochemii, Praha.
(SULFONAMIDES) (PHARMACOLOGY) (DOGS)

CZECHOSLOVAKIA / General Problems of Pathology. Tumors.
General Problems.

U-5

Abs Jour : Ref Zhur - Biol., No. 10, 1958, No 46801

Author : Pujman, V.

Inst : Not given

Title : Some Comments on the Experimental Study of Leukemia in
Mice.

Orig Pub : Physiol. bohemosl., 1957, 6, No. 2, 258-263.

Abstract : No abstract.

Card 1/1

EXCERPTA MEDICA Sec 16 Vol 7/9 Cancer Sept 59

*3692a. **Antileukaemic action of some carboxyalkylthiopurines** PUJMAN V.
and ČERNOCHOVÁ-PROKOPOVÁ S. Pharmaceut. and Biochem. Res. Inst., Prague
Neoplasma 1959, 6/2 (166-169) Graphs 3

The experiments were carried out in leukaemic mice of the strain C57 black, which were given several carboxyalkylthiopurines. The effect of 6-(1-carboxybutyl-4)-thiopurine (II-1964) was especially studied. This substance causes an improvement of the condition of the blood in leukaemic mice, as well as a reduction in the weight of the leukaemic liver and spleen. The survival of the animals is only insignificantly prolonged. In healthy mice erythrocytopenia, leucocytopenia and thrombocytopenia develop after administration of II-1964, and the weight of the spleen is reduced. The effect of II-1964 on normal and pathological haematopoiesis is similar to that of 6-mercaptopurine.

Klein - Bratislava (XVI, 2)

UJIAN, V., and others.

SCIENCE

UJIAN, V., and others. Sensitiveness of leukemic and leukecid changes to some substances having a prevailing antineoplastic effect. p. 533.

Vol. 6, no. 4, 1957.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. '58

ULMAN, V.; PROKOPVA, S.; RYCHTEROVA, H.

SCIENCE

ULMAN, V.; PROKOPVA, S.; RYCHTEROVA, H. Notes on the blood picture of the rat, Sciurus hispidus. p. 533.

Vol. 6, no. 4, 1957.

Monthly Index of East European Accessions (IEAI) LC, Vol. 7, No. 12, Dec. '58

U-4

CZECHOSLOVAKIA/Tumors

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27712

Author : Fujman, V.

Inst : Not Given

Title : Some Remarks on Leukemia in Black Mice C₅₇.

Orig Pub : Rezpr. CSAV, 1956, MFV66, No 10, 27s., il.

Abstract : Five to 11 months after X-ray irradiation (400 r) some of the black mice C₅₇ developed a stem-cell (SCL) of lymphatic leukemia (LL), which was easy to transplant by means of the intraabdominal injection of the cell suspension of the leukemic spleen to the well mice of the same strain. The diseases were characterized by pronounced hepatomegaly, splenomegaly and lymphadenopathy and, in some cases, by a slight enlargement of the thymus and kidneys. Leukemic organs and, in terminal stages, the bone marrow, were infiltrated by leukemic cells, whose number in peripheral blood reached several hundred thousands per 1 cu. mm. SCL was characterized by a rapid course (the average length of survival being 20 days) as com-

Card : 1/2

25

CZECHOSLOVAKIA/Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27712

pared with LL (40 days), and by the presence of poorly differentiated atypical hemocytoblasts. The cells resembled atypical lymphocytes and, during the terminal stage, there was only a slight increase in absolute number of neutrophils. A study of the length of survival, blood picture, change in weight of the liver, spleen and kidneys during 23 passages of SCL, enabled the author to utilize mice with SCL as a model for a study of the mode of action of certain chemotherapeutic agents of crotonlactone, benzimidazole and ethylenimine groups. Of the substances under study only pentamethylenebisothielenirinophosphoric acid had a pronounced antileukemic action in hemocytoblastic leukemia.

Card : 2/2

RIMAN, Josef; VSELY, Jiri; PUJMAN, Vojtech

Transmission of experimental leukemia to C 57 adult mice by isolated cell particles recovered from leukaemic C 57 black mice. Neoplasma, Bratisl. 5 no.1:3-12 1958.

1. Chemical Institute of the Czechoslovak Academy of Sciences, Department of Biochemistry, Prague. Research Institute for Pharmacy and Biochemistry, Prague. Authors' address: Dr. J. Riman and co-workers, Chemicky ustav CSAV, Praha 19, Na cvicisti 2.

(LEUKEMIA, exper.
transm. to C 57 adult mice by isolated cell particles from
leukemic C 57 black mice)

PUJMAN, V.; DOLZELOVA, V.; PROKOPOVA, S.; RYCHTEROVA, H.

Sensitivity of certain leukemic and leukemoid changes to anti-cancer drugs. Cesk. fysiol. 6 no.4:523-526 Nov 57.

1. Vyzkumny ustav pro farmacit a biochemii, Praha.

(BUSULFAN, effects,

on exper. leukemic & leukemoid reactions (Cz))

(LEUKEMIA, experimental,

eff. of busulfan on leukemic & leukemoid reactions (Cz))

PUJMAN, V.; PROKOPCOVA, S.; RYCHTEROVA, H.

Studies on blood picture in *Sigmodon hispidus*, Cesk. fysiol. 6 no.4:
533-535 Nov 57.

1. Vyzkumny ustav pro farmacil a biochemii, Praha.
(BLOOD CELLS,
count in *Sigmodon hispidus* (Cz))

CZECHOSLOVAKIA

J. MORAHOVA, J. MURATOVA, V. FUNKOV and V. PYDGOVSKY, Pharmacy and Biochemistry Research Institute (Vyzkumný ústav pro farmaci a biochemii) Prague.

"Sulfonamides with Prolonged Antibacterial Effectiveness. Pharmacology of Sulfamethoxydine."

Prague, Ceskoslovenska Farmacie, Vol 12, No 2, Feb 63; pp 73-77.

Abstract [English summary modified]: Authors' "sulfamethoxydine" which is 7-sulfanilamido-3-methoxypyrimidine was found superior long-acting sulfonamide to sulfamethoxypyrimidine, sulfaphenazole and sulfadimethoxine. LD₅₀ is lower (300 mg./Kg. orally in mice did not kill a single one of 10); potentiation of CNS stimulants is lower. Only signs of potential toxic effects increased weight of thyroid and kidneys with chronic treatment of group of animals; drug is also diuretic. Table, 3 Czech, 1 Swiss, and 1 Soviet reference.

Czechoslovakia/General Problems of Pathology - Tumors

U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84846

Author : Pujman, V.

Inst : No institute is given

Title : Experimental Work with Leukemia in Mice

Orig Pub : Ceskosl. fysiol., 1957, Vol. 6, No. 2, 224-229

Abstract : No abstract is given

Card 1/1

21

PUJMAN, V.; CERNOCHOVA, S.; HAMPEJSOVA, H.; JEDLICKOVA, M.

The effect of chlorprothixene and 6-mercaptopurine on the LA
VUFB mouse leukaemia. Neoplasma 10 no.4:365-370 '63.

1. Research Institute for Pharmacy and Biochemistry, Prague,
CSSR.

(CHLORPROTHIXENE) (MERCAPTOPURINE)
(LEUKEMIA, EXPERIMENTAL)
(ANTINEOPLASTIC AGENTS)
(BODY WEIGHT) (SPLEEN)
(LIVER)

PULMAN, V.

Studies and experimental work on mouse leukemia, Cesk. fysiol. 6 no.2:
224-229 1957.

1. Vyzkumny ustav pro farmacie a biochemii, Praha.
(LEUKEMIA, experimental,
review (Cz))

PUJMAN, V.

PUJMAN, V.

Experimental leukemia in mice. Physiol. bohem. 6 no.2:258-263 1957.

1. Forschungsinstitut fur Pharmazie und Biochemie, Prag.

(LEUKEMIA, exper.
induction, diag. & sensitivity in mice (Ger))

PUJMAN,

LIBANSKY, J., Doz., Dr.; JOHN, C.; PUJMAN, V.; CHUDOMEL, V.; SOCHMAN, J.

Relation between leukemia and infection. Neoplasma, Bratisl.
4 no.1:21-29 1957.

1. Institut fur Hamatologie und Bluttransfusion. Institut fur
arztliche Mikrobiologie und Immunologie der Karls-Universitat
Forschungsinstitut fur Pharmazie und Biochemie Praha. 2. Anschrift
der Verfasser: Praha II, U nemocnice 1, Ustav hematologie a
krevni transfuse.

(LEUKEMIA, exper.
eff. of exper. streptoc. hemolytic B infect. in mice
(Ger))
(STREPTOCOCCAL INFECTIONS, exper.
hemolytic B, eff. on exper. leukemia in mice (Ger))

PUJMAN, VOJTECH

Leukemia of mice strain C 57 black. Vojtěch Pujman.
Rozpravy (MPV) Českoslov. Akad. Věd., No. 10, 1-27
(1966).—A futile attempt was made to produce leukemia in mice of the DBA strain by application of 300 r. x-rays, by a soln. of 0.5% methylchelanthrene (I), and by using both I and x-rays. These expts. were repeated with strain C 57 Black, and some of these mice showed leukemia 5-11 months after receiving 400 r. of x-rays. Once leukemic changes were detected in the blood, chemotherapy was started with one of the following: α,β -dichloro- γ - p -methoxyphenyl- Δ^{α},β -crotonolactone; γ -(hydroxybenzoyl)crotonic acid lactone; γ -(3,4-dimethoxybenzoyl)crotonic acid lactone; 2-hexylthio- δ (or δ)-nitrobenzimidazole-HCl; 2-butylthio- δ -nitrobenzimidazole; 1,4-bis(methylsulfonyloxy)butane; 1,8-naphthsultam. None of these showed any striking therapeutical values, the only substance with a definite antileukemic effect was the pentamethylene amide of bis(ethyleneimino)-phosphoric acid. —Verner Jacobson

PUJMAN, Vojtech, RNDr; SOYKA, Otto, MUDr, za spoluprace Slav. Prokopove a
Ruzeny Reichlove

Attempted transmission of human leukemia to guinea pig by
scarification. Cas. lek. cesk. 93 no. 44:1219-1220 20 Oct 54.

1. Z Vyskumneho ustavu pro farmacii a biochemii a III. int. kliniky
K.U. v Praze. Prednosta prof. Dr J. Charvat.
(LEUKEMIA, experimental,
transm. of human leukemia to guinea pig by scarification)

PUJMAN, V.

Standardization of liver extracts on animals. Biol. listy 31 no.
3-4:226-229 Jan 51. (CIML 20:5)

1. Of the Research and Control Institute SPOFA and of the Department of General Physiology (Head--Prof. Fr. Karasek, M.D.) of the Institute of Physiology (Head--Prof. V. Laufberger, M.D.) of Charles University, Prague.

EXCERPTA MEDICA Sec 16 Vol. 5/7 Cancer July 57

2517. PUJMAN V. and JELÍNEK V. Res. Inst. for Pharm. and Biochem., Prague
Sarcoleukaemia of mice C57 black (Ln-VUFB) Čsl. Onkol. 1956, 3/1 (37-41) Tables 2

Illus. 1

During the study of stem-cell leukaemia in strain C57Bl mice, a tumour was ob-

2517

served at the site of the inoculation in one of the animals. This tumour grew s.c.
in the abdominal region 50 days after the inoculation with a suspension of liver and
spleen from a mouse with stem-cell leukaemia. Histologically it was a lymphosarcoma.

Stasney - Philadelphia, Pa.

EXCERPTA MEDICA Sec 5 Vol. 10/7 Pathology July 57

1899. PUJMAN V. and JELÍNEK V. Res. Inst. for Pharm. and Biochem., Prague.
"Sarkoleukaemia of mice C57 black (Ln-VUFB) ČSL.ON-KOL. 1956, 3/1 (37-41) Tables 2 Illus. 1

During the study of stem-cell leukaemia in strain C57 black mice, a tumour was observed at the site of the inoculation in one of the animals. This tumour grew subcutaneously in the abdominal region 50 days after the inoculation with a suspension of liver and spleen from a mouse with stem-cell leukaemia. Histologically it was a lymphosarcoma.

Stasney - Philadelphia, Pa. (V.16)

A.C.L.A.T. MEDICA Sec.2 Vol.10/11 Phy.Biochem. Nov 57
PUJMAN V.

4823. PUJMAN V., PROKOPOVÁ S. and REICHLOVÁ E. Kourimska 17, Praha.
*Krevní obraz psa. Blood picture of the dog VESTN.ČSL.SPOLEC-

NOSTI ZOOL. 1956, 20/2 (101-109) Illus. 4

The blood picture of 45 dogs, mostly not thorough-bred, was examined. The results agree in general with previously published data and are of informative value. These results suggest that the blood picture is influenced by race, sex, heredity, diet, state of health and the site of blood taking. Hetmansky - Prague

PUJMAN, V.; PROKOPOVA, S.; REICHLOVA, R.; MULLER, V.

Mouse leukemia C 57 VUFB. Cesk.onkol. 1 no.3-4:235-242 1954.

1. Vyzkumný ustav pro farmacie a biochemii, Praha. Dr. V.Pujman
a spolup., Praha XII, Kourimska 17.

(LEUKEMIA, experimental,
in mice)

(NEOPLASMS, experimental,
leukemia in mice)

EXCHERPTA MEDICA Sec 16 Vol 7/2 Cancer

Feb 59

602. *The influence of myleran on the number of neutrophils in normal and leukaemic mice and in mice with leukaemoid reaction (Russian text)* PUJMAN V. Res. Inst. for Pharmacol. and Biochem., Prague Vopr. Onkol. 1958, 44 (412-414) Graphs 4

The action of myleran on the number of neutrophils in the peripheral blood was studied in 3 transplantable strains of leukaemia (L and LA-VUFB in C57 black mice, and LPAKA-VUFB in AKR mice). The criteria for the cytostatic effect of the drug were: survival time of the animals as compared with control groups, tumour weight, and changes in liver and spleen. The neutropenic action of myleran was verified by means of repeated white blood counts. It could not be demonstrated that there was any connection between the antileukaemic (antitumoral) effect and the neutropenic activity of myleran.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

PUKL, Slavko, inz. (Beograd, Vatina 22)

Fatigue tests of material and duration of constructions. Zavarivac
6 no.1:2-7 '61.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

PULKRABEK, J., prof., inz., Sc.Dr.

"Radiant Heating" by J.Cihelka. Reviewed by J. Pulkrabek.
Strojirenstvi 11 no.12:953 D '61.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

PUJMAN, V.

On the sensitivity of leukemic male and female mice C57 black
to certain antileukemic drugs. Neoplasma, Bratisl. 7 no.1 suppl:
146-148 '60.

(LEUKEMIA exper)
(ANTINEOPLASTIC AGENTS pharmacol)

CZECHOSLOVAKIA/General Problems of Pathology - Tumors. Immunity. U.
APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001343530012-9"
Abs Jour : Ref Zhur - Biol., No 2, 1959, 8784

Author : Libansky, Ji, John, C., Pujman, V., Chudomel Vl. Sochman,
J.

Inst :

Title : Interrelations Between Leukemia and Infection

Orig Pub : Neoplasma, 1957, 4, No 1, 21-29

Abstract : C57bl mice were inoculated with a homogenate of a leukemic liver (LVUFB strain of blastomatous leukemia), and at various periods of time before and after the transplantation of it the mice were injected subcutaneously with a suspension ($1.2 \cdot 10^9$ microbes) of a weakly virulent beta-hemolytic group B streptococcus. The average duration of life of the infected mice in all variants of the experiment was somewhat greater than in the control experiments. The maximum increase in the length of life (by 45%) was noted after the mice were infected

PUJMANOVÁ, M.

"In the Iron Wreath of Hands; A Poem," p. 280.
(Casopis Lekaru Českých, Vol. 92, No. 11, Mar. 1953, Praha.)

SO: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress, September 1953, Uncl.

HORAKOVA, Z.; PUJMAN, V.

Comparative studies on pharmacological properties of mesantoin,
milontin, and phenuron. Cesk. farm. 4 no.7:333-337 Sept 55.

1. Akademikovi K. Hennerovik sedesatinan. Z Vyskumneho ustavu
pro farmacie a biochemii, Praha.

(HYDANTOINS,

mesantoin, comparison with N-methyl-2-
phenylsuccinimide & phenacemide)

(ANTICONVULSANTS,

N-methyl-2-phenylsuccinimide, comparison with
mesantoin & phenacemide)

(ANTICONVULSANTS,

phenacemide, comparison with mesantoin & N-methyl-
2-phenylsuccinimide)

R. J. L., Jr.

Some remarks on the kinetics of the rice strain. J. S. Black, Jr.

Received by the Bureau of Intelligence and Research
Dec. 10, 1956, from the World Health Organization

On December 10, 1956

See: "Final Review of Diseases List" vol. 6, no. 11 Nov. 1956

PUJMAN V.

Research on leukemia in mice. p.224.
(Ceskoslovenska Fysiologie, Vol. 6, No. 2, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

PUJMAN, V.; DOLEZLOVA, V.; PROKOPOVA, S.

Effect of some antitumorous agents on leukemia in mice.
Cesk. onkol. 2 no.1:33-37 1955.

1. Vyzkumny ustav pro farmacie a biochemii v Praze. Dr.
V. Pujman a spolupracovnici, Praha XII, Kourimska 17.
(LEUKEMIA, experimental
eff. of antitumorous agents in mice)

PUJMAN V.

PUJMAN V.

Standardizace jaternich extraktu na sviratech. Standard-
isation of liver extracts in animals, Biol. listy 30:4
15 Mar 49 p. 246-51.

1. Of the Department for General Physiology (Head — Prof. F. Karasek, M.D.) of the Physiological Institute of Medical Faculty, Charles University (Head — Prof. V. Laufberger, M.D.) and of the SPOFA Institute for Research and Controls.

CLHL 19, 2, Aug 50

PUJMAN, V.; PROKOPCOVA, S.; REICHLOVA, R.; MULLER, V.

Lymphogenic leukemia in black mice C57. Česk.onkol. 2 no.2-3:128-132 1955.

1. Vyzkumný ustav pro farmacie a biochemii v Praze. Dr. Vojtech
Pujman a spolupracovníci, Praha XIII, Kourmska 17.
(LEUKEMIA, LYMPHATIC, experimental,
in mice C57)

PUJMAN, V.

Standardization of liver extracts in animals. Biol. listy 30 no.4:
246-251 15 Mr '49. (CML 19:2)

1. Of the Department for General Physiology (Head -- Prof. F.Kara-sek, M.D.) of the Physiological Institute of Medical Faculty, Charles University (Head -- Prof. V.Laufberger, M.D.) and of the SPOFA Institute for Research and Controls.

Pujman, ~~Hector~~ VOJTECH

3

Cancer chemotherapy. I. γ -(*p*-Methoxyphenyl)- and
 γ -(2,3,4-trimethoxyphenyl)- α,β -dichlorocrotonolactone.
Miroslav Semensky, Viktor Etel, Václav Jelinek, Viktor
Zíkan, and Vojtech Pujman (Výzkumný ústav farm. a bio-
chem., Praha). Časopis Lekářů Českých 93, 197-8 (1954).
 γ -(*p*-Methoxyphenyl)- α,β -dichlorocrotonolactone (I) and
 γ -(2,3,4-trimethoxyphenyl)- α,β -dichlorocrotonolactone (II)
were prepd. (C.A. 47, 80034, 80287) and the cytotoxic effects
of derivs. of these and degradation products of *l*- α -narcotine
were studied in relation to their chem. structures. Growth
of chicken fibroblasts was totally inhibited by I and partially
by II. The growth of a transplantable adenocarcinoma of
the ddA strain mice was inhibited by intramuscular ad-
ministration of I at 6 mg./kg. body wt. 3 times per week;
II seemed inactive in this respect. Both substances were
toxic in higher doses. The administration of I caused only
slight hematologic changes. Ivo M. Hala.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9

PWJSTO, K.

P. PWJSTO, "A new indicator for the iodometry." Chemical News, Poland,
No. 1, January 1955, pp. 1-64

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343530012-9"

PUJSZO, Kazimierz

Studies on the mechanism of ammonia fixation by sugar beet pulp
and straw of certain cereals. Inst. probi. post. nauk roln. no. 54
91-96 '64.

Institute of Animal Physiology and Feeding, Department of Meat
Science in Bydgoszcz of the Polish Academy of Sciences.

PUJZAK, I.

Synchronized electric-motor drive. p. 457
TECHNICKA PRACA. Bratislava, Czechoslovakia, Vol. 7, No. 10, Oct. 1955

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

GOLOUSHIN, N.S.; PUK, P.S.

Properties of petroleum of the Lena-Khatanga Province. Trudy
NIIGA 114:185-198 '60. (MIRA 13:11)
(Lena-Khatanga region—Petroleum geology)

PUK, R 5

YEMEL'YANTSEV, Tikhon Matveyevich; KRAVTSOVA, Aleksandra Ivanovna; PUK,
Pankhos Solomonovich; GRAMBERG, I.S., nauchnyy red.; DAYEV, G.A.,
vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Geology, and oil and gas potentials of the lower Lena Valley]
Geologiya i perspektivy neftegazanosnosti nizov'ev r. Leny.
Leningrad. Gos.nauchn.-tekhn. izd-vo nefti i gorno-toplivnoi
lit-ry. Leningr. otd-nie, 1960. 143 p. (Leningrad. Nauchno-
issledovatel'skii institut geologii Arktiki. Trudy, vol. 108)
(Lena Valley--Petroleum geology)
(Lena Valley--Gas, Natural--Geology)